

We Claim:

1. A heat sterilized blood processing system comprising
 - a container,
 - flexible transfer tubing extending from and5 establishing fluid flow communication with the container,
 - an air reservoir coupled in-line with the flexible transfer tubing, and
 - the flexible transfer tubing including an air tube extending a certain distance into the air reservoir to10 provide an incremental air volume for the flexible transfer tubing so that collapse of the flexible transfer tubing is prevented during heat sterilization.
 2. A heat sterilized blood processing system according to claim 1
- 15 and further including an in-line filter carried by the flexible transfer tubing between the air reservoir and the container.